

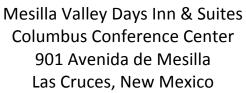
11:30 David Lightfoot

11:45 Rick LoBello

Protected Area

White Sands Science Symposium

Thursday June 7th, 2012





9:00	Dennis Vasquez Welcoming Address
9:12	Showing of the White Sands National Monument movie "A Land in Motion". 2012 Winner at the International Wildlife Film Festival for <i>Best Government Agency</i> film
9:30	Gary Kocurek Exploring Aeolian Sand Dunes at White Sands Using Airborne LiDAR
9:45	Eric Metzler The Remarkable Endemism of Moths at White Sands National Monument
10:00	Elizabeth Walsh Zooplankton Diversity at White Sands National Monument: potential cryptic speciation in Lake Lucero
10:15	Doug Burkett Natural Resource Management at White Sands Missile Range
10:30	Break
10:45	Miguel Dominguez Acosta The White Sands as a Dust Emission Hotspot
11:00	Erica Rosenblum Ecological Speciation in White Sands Lizards
11:15	Rip Langford Sediment Sources and Transport Within Parts of the White Sands Dune Field

Arthropod Inventory Survey of White Sands National Monument and Cuatrocienegas

Challenges, and Successes in Protecting the Northern Chihuahuan Desert

1:30	Talon Newton Hydrologic Investigation at White Sands National Monument: Preliminary Results
1:45	Raleigh Martin Linking Wind, Sediment Transport, Vegetation, and Groundwater to Explain Dune Field Evolution at White Sands
2:00	Adrian Unc Inventory of Soil Microbial and Other Soil Faunal Ecosystem Components at the White Sands National Monument and Guadalupe Mountains National Park
2:15	Quinn Robinson Mesocarnivore Distributional Patterns at White Sands National Monument
2:30	Mihaela Glamoclija Geomicrobiology of the Aeolian Environments at White Sands National Monument
2:45	Break
3:00	Anna Szynkiewicz Geochemical and Hydrological Processes Controlling Gypsum Deposition in White Sands
3:15	Curtis Monger Biomineralization and Carbon Sequestration by Microorganism at the White Sands National Monument
3:30	Thomas Schmugge Space Observations of the White Sands and Their Potential Use to Study Surface Water Dynamics
3:45	Ivo Garcia Cuatrociénegas and White Sands: a successful international cooperation experience
4:00	Poster Session
5:00	Adjourn

12:00 Lunch

POSTER PRESENTATIONS

Catherine Borer
Calcium Partitioning and
Sequestration in Foliage from Plants
at White Sands National
Monument: strategies for calcium
tolerance

David Bustos Newest Palentological Findings at White Sands National Monument

Bill Conrod
Capture and Removal of African
Oryx from White Sands NM

Simone DesRoches
Beyond Black and White:
comparative ecomorphology of
three rapidly evolving lizard species
in White Sands

Ryan C. Ewing Constructing the Dune-field Pattern at White Sands

Richard Greene
Cultural Resources at White Sands
National Monument

Kayla Hardwick An Experimental Test of the Adaptive Value of White Color in White Sands Lizards

Philip Sudman
Historical Biogeography of the
Desert Pocket Gopher (Geomys
arenarius) as Inferred from AFLP
DNA Analyses

Anna Suggs NASA Remote Sensing Earth Science Teacher Program at White Sands. (student based research project)

Mara Weisenberger Restoring Big Game Habitat with Landscape-scale Prescribed Fire

James Witcher Geothermal Resources Framework and Potential Uses in the Tularosa and Hueco Basins, New Mexico